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HISTORIC AMERICAN BUILDINGS SURVEY

INDEX TO PHOTOGRAPHS

Forge Creek Dam-John Cable Mill
(Forge Creek Dam)
Cades Cove
Great Smoky Mountains National Park
Blount County
Tennessee

HABS No. TN-118

Addendum to:

Forge Creek Dam
Cades Cove
Great Smoky Mountains National Park
Blount County
Tennessee
(drawings first transmitted)

Photocopies of ca. 1938 photographs by Edouard E. Exline

- TN-118-1 THE MILL, BEFORE RESTORATION
- TN-118-2 THE MILL, AFTER RESTORATION. THE FRONT FACES SOUTH
- TN-118-3 DETAIL OF WATER-WHEEL, WATER-GATE AND FOREBAY, BEFORE RESTORATION
- TN-118-4 DETAIL OF WATER-WHEEL, WATER-GATE AND FOREBAY, AFTER RESTORATION
- TN-118-5 CONSTRUCTION OF MAIN GEAR WHEEL. WATER-WHEEL IN BACKGROUND
(Note how rims of gear wheel are constructed of segments called shrouds)
- TN-118-6 TOM AND JERRY HEARON HEWING THE WATER-WHEEL SHAFT DURING RESTORATION OF THE MILL
- TN-118-7 DETAIL OF GEARING, AFTER RESTORATION
- TN-118-8 DETAIL OF HOPPER, SHOE AND MILL-STONE HOOP

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FORGE CREEK DAM-JOHN CABLE MILL
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Photographs by Jack E. Boucher, April 1962

TN-118-9 VIEW OF MILL SHOWING WOODEN SILL AND SIDING

TN-118-10 MILL FRAMING DETAIL

Photocopies of ca. 1938 photographs by Edouard E. Exline

TN-118-11 DETAIL OF CRIBBING SUPPORTING THE FOREBAY, BEFORE RESTORATION

TN-118-12 DETAIL OF CRIBBING SUPPORTING THE FOREBAY, AFTER RESTORATION

TN-118-13 VIEW OF MILL-RACE: HEAD-RACE AND TRASH-RACK (IN FOREGROUND), AND FOREBAY (IN BACKGROUND), AFTER RESTORATION

TN-118-14 VIEW OF HEAD-RACE LOOKING TOWARD THE TRASH-RACK FROM THE DAM, AFTER RESTORATION

TN-118-15 MILL DAM ON THE RIGHT, WATER-GATE IN THE LEFT FOREGROUND

Photograph by Jack E. Boucher, April 1962

TN-118-16 VIEW OF MILL-RACE SHOWING RESTORED FOREBAY IN FOREGROUND, AND TRASH-RACK AND HEAD-RACE IN BACKGROUND

Photocopies of 1930s photographs. Charles S. Grossman was the photographer. The dates are indicated in each caption. Original photographs are on file at the Great Smoky Mountains National Park, Gatlinburg, Tennessee.

TN-118-17 VIEW OF MAIN AND DIVERSION DAMS FROM WATER-GATE AFTER REMOVAL OF DRIFTWOOD. DIVERSION DAM IN LEFT FOREGROUND, MAIN DAM TO THE RIGHT. Photographed July 18, 1938.

TN-118-18 DETAIL AT JUNCTION OF MAIN DAM AT LEFT AND DIVERSION DAM AT RIGHT SHOWING LOG CRIBBING. SPACES INSIDE CRIBBING WERE FILLED WITH STONE TO ANCHOR DAM; DETERIORATION OF DAM HAS ALLOWED STONE BALLAST TO WASH AWAY. Photographed July 18, 1938.

TN-118-19 VIEW FROM JUNCTION OF MAIN DAM AND DIVERSION DAM, LOOKING TOWARD WATER-GATE AND HEAD-RACE. Photographed July 18, 1938.

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- TN-118-20 VIEW FROM DOWNSTREAM SIDE OF DAM SHOWING BUTTS OF LOGS PROJECTING BETWEEN CROSS LOGS. FREQUENTLY WHOLE TREES WERE USED IN CONSTRUCTING THESE DAMS. THE BRANCHES WERE PLACED UPSTREAM AND COVERED WITH EARTH AND STONE TO ANCHOR THEM. Photographed November 6, 1935.
- TN-118-21 FORGE CREEK DAM LOOKING UPSTREAM. Photographed July 18, 1938.
- TN-118-22 MR. WILBURN IS STANDING ON DIVERSION DAM, WHICH DIVERTS WATER TO HEAD-RACE. Photographed November 6, 1935.

Photographs by Edouard E. Exline, December 15, 1938

- TN-118-23 VIEW LOOKING UPSTREAM FROM WEST BANK OF HEAD-RACE SHOWING RECONSTRUCTED MAIN AND DIVERSION DAMS; HEAD-RACE IS JUST OUT OF PICTURE AT LEFT.
- TN-118-24 VIEW FROM EAST BANK, LOOKING UPSTREAM, SHOWING RECONSTRUCTED MAIN AND DIVERSION DAMS IN BACKGROUND WITH WATER-GATE AND BEGINNING OF HEAD-RACE IN LEFT FOREGROUND.
- TN-118-25 THE HEAD-RACE, LOOKING UPSTREAM TOWARD WATER-GATE. NOTE PLANK PILING ON RIGHT BANK TO PREVENT EROSION, AFTER RESTORATION
- TN-118-26 THE TAIL-RACE, LOOKING DOWNSTREAM FROM BRIDGE (OVER TAIL-RACE TO MILL)